

RAW SEQUENCE LISTING

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Application Serial Number: 10/531,655
Source: PCP/10
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/531,655

DATE: 04/26/2005

TIME: 15:45:53

Input Set : A:\LeA 36 365.ST25.txt

Output Set: N:\CRF4\04262005\J531655.raw

3 <110> APPLICANT: Bayer HealthCare AG
 4 Golz, Stefan
 5 Bruggemeier, Ulf
 6 Geerts, Andreas
 8 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
 Human
 9 G-Protein Coupled Receptor 14 (GPR14)
 11 <130> FILE REFERENCE: LeA 36 365
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/531,655
 C--> 13 <141> CURRENT FILING DATE: 2005-04-15
 13 <150> PRIOR APPLICATION NUMBER: PCT/EP2003/011393
 14 <151> PRIOR FILING DATE: 2003-10-15
 16 <150> PRIOR APPLICATION NUMBER: EP02023767.3
 17 <151> PRIOR FILING DATE: 2002-10-24
 19 <160> NUMBER OF SEQ ID NOS: 5
 21 <170> SOFTWARE: PatentIn version 3.3
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 1170
 25 <212> TYPE: DNA
 26 <213> ORGANISM: Homo sapiens
 28 <400> SEQUENCE: 1

29 atggcgctga	cccccgagtc	cccgagcagc	ttccctgggc	tggccgccac	cggcagctct	60
31 gtgccggagc	cgcctggcgg	ccccaaacgca	accctcaaca	gctccctgggc	cagccccgacc	120
33 gagccccagct	ccctggagga	cctgggtggcc	acgggcacca	ttgggactct	gctgtcgccc	180
35 atgggcgtgg	tgggcgtgg	gggcaacgccc	tacacgctgg	ttgtcaccctg	ccgctccctg	240
37 cgtgcgggtgg	cctccatgt	cgtctacgtg	gtcaacctgg	cgctggccga	cctgtgtac	300
39 ctgctcagca	tccccttcat	cgtggccacc	tacgtcacca	aggagtggca	cttcggggac	360
41 gtggcgtgcc	gcgtgccttt	cggcctggac	ttccctgacca	tgcaacgcccag	catttcacg	420
43 ctgaccgtca	tgagcagcga	gcgtctacgt	gcccgtctgc	gcaccgtgcag	480	
45 cgccccaaagg	gttaccgcaa	gtgtctggcg	ctgggcaccc	ggctgtctggc	gtctgtctg	540
47 acgctgcccgg	tgtatgtctggc	catgcggctg	gtgcggccggg	gtcccaagag	cctgtgcctg	600
49 cccgcctgggg	gccccgcgc	ccacccgcgc	tacctgacgc	tgctcttcgc	caccagcatc	660
51 gcggggcccg	ggctgtctat	cggcgtcttc	tacgcgcgc	tggccgcgc	ctaccgcgc	720
53 tcgcagcgcgc	cctccatcaa	gcccccccg	cgccccgggg	cgccgcgcgc	gcccgtggtg	780
55 ctgggcatcg	tgctgtcttt	ctgggcctgc	ttccctgcct	tctggctgtg	gcagctgtc	840
57 gcccagtacc	accaggcccc	gctggcgccg	cggacggcgc	gcatacgtaa	ctacctgacc	900
59 acctgcctca	cctacggcaa	cagctgcgc	aacccttcc	tctacacgct	gttcaccagg	960
61 aactaccgcg	accacctgcg	cggccgcgtg	cgggccccgg	gcagcggggg	aggccggggg	1020
63 cccgttccct	ccctgcagcc	ccgcgcgcgc	ttccagcgct	gttcgggcgc	ctccctgtct	1080
65 tcctgcagcc	cacagccac	tgacagcctc	gtgtggccc	cagcggccccc	ggcccgaccc	1140
67 gcccccgagg	gtcccaaggcc	cccgccgtga				1170
70 <210> SEQ ID NO: 2						
71 <211> LENGTH: 389						
72 <212> TYPE: PRT						

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73 <213> ORGANISM: Homo sapiens
75 <400> SEQUENCE: 2
77 Met Ala Leu Thr Pro Glu Ser Pro Ser Ser Phe Pro Gly Leu Ala Ala
78 1 5 10 15
81 Thr Gly Ser Ser Val Pro Glu Pro Pro Gly Gly Pro Asn Ala Thr Leu
82 20 25 30
85 Asn Ser Ser Trp Ala Ser Pro Thr Glu Pro Ser Ser Leu Glu Asp Leu
86 35 40 45
89 Val Ala Thr Gly Thr Ile Gly Thr Leu Leu Ser Ala Met Gly Val Val
90 50 55 60
93 Gly Val Val Gly Asn Ala Tyr Thr Leu Val Val Thr Cys Arg Ser Leu
94 65 70 75 80
97 Arg Ala Val Ala Ser Met Tyr Val Tyr Val Val Asn Leu Ala Leu Ala
98 85 90 95
101 Asp Leu Leu Tyr Leu Leu Ser Ile Pro Phe Ile Val Ala Thr Tyr Val
102 100 105 110
105 Thr Lys Glu Trp His Phe Gly Asp Val Gly Cys Arg Val Leu Phe Gly
106 115 120 125
109 Leu Asp Phe Leu Thr Met His Ala Ser Ile Phe Thr Leu Thr Val Met
110 130 135 140
113 Ser Ser Glu Arg Tyr Ala Ala Val Leu Arg Pro Leu Asp Thr Val Gln
114 145 150 155 160
117 Arg Pro Lys Gly Tyr Arg Lys Leu Leu Ala Leu Gly Thr Trp Leu Leu
118 165 170 175
121 Ala Leu Leu Leu Thr Leu Pro Val Met Leu Ala Met Arg Leu Val Arg
122 180 185 190
125 Arg Gly Pro Lys Ser Leu Cys Leu Pro Ala Trp Gly Pro Arg Ala His
126 195 200 205
129 Arg Ala Tyr Leu Thr Leu Leu Phe Ala Thr Ser Ile Ala Gly Pro Gly
130 210 215 220
133 Leu Leu Ile Gly Leu Leu Tyr Ala Arg Leu Ala Arg Ala Tyr Arg Arg
134 225 230 235 240
137 Ser Gln Arg Ala Ser Phe Lys Arg Ala Arg Arg Pro Gly Ala Arg Ala
138 245 250 255
141 Leu Arg Leu Val Leu Gly Ile Val Leu Leu Phe Trp Ala Cys Phe Leu
142 260 265 270
145 Pro Phe Trp Leu Trp Gln Leu Leu Ala Gln Tyr His Gln Ala Pro Leu
146 275 280 285
149 Ala Pro Arg Thr Ala Arg Ile Val Asn Tyr Leu Thr Thr Cys Leu Thr
150 290 295 300
153 Tyr Gly Asn Ser Cys Ala Asn Pro Phe Leu Tyr Thr Leu Leu Thr Arg
154 305 310 315 320
157 Asn Tyr Arg Asp His Leu Arg Gly Arg Val Arg Gly Pro Gly Ser Gly
158 325 330 335
161 Gly Gly Arg Gly Pro Val Pro Ser Leu Gln Pro Arg Ala Arg Phe Gln
162 340 345 350
165 Arg Cys Ser Gly Arg Ser Leu Ser Ser Cys Ser Pro Gln Pro Thr Asp
166 355 360 365
169 Ser Leu Val Leu Ala Pro Ala Ala Pro Ala Arg Pro Ala Pro Glu Gly

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177	<210> SEQ ID NO: 3		
178	<211> LENGTH: 21		
179	<212> TYPE: DNA		
180	<213> ORGANISM: Homo sapiens		
182	<400> SEQUENCE: 3		
183	tggcctccat gtacgtctac g		21
186	<210> SEQ ID NO: 4		
187	<211> LENGTH: 21		
188	<212> TYPE: DNA		
189	<213> ORGANISM: Homo sapiens		
191	<400> SEQUENCE: 4		
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195	<210> SEQ ID NO: 5		
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197	<212> TYPE: DNA		
198	<213> ORGANISM: Homo sapiens		
200	<400> SEQUENCE: 5		
201	cctgctcagc atccccttca tcgt		24

VERIFICATION SUMMARY

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date